[redacted]

1961

Cosmos

III

ANT/TRA/03

D TRAIL
BUREAU OF MINERAL
RESOURCES
CANBERRA.
MAWSON,
N. B. 111.
Begun 24 July, 1961.
Completed
for 69.

24 July, 1961 DIARY

Rose 0800 to a clear sky & calm T - 9°F. Slow breakfast, Podoc, McLaughlin & Keyser left to find Rokey at 1200. Smith & self left with Smith's team at 1230 first to wind alt 2 m. N of Safety & further to 2 islands well south on No. 43 Vertical Plot at 1530. Turned back & tried 2 or 3 miles to NW westward the Island to Safety Island camp with dark. Lit kerosene flare for Podoc's party but no result. Podoc's party returned about 1900 bright moon & about full long obscured by cloud a low of -14.5°F at 1800 [illegible] -9 with cloud cover.

Peter — "Pirate"

Little to breakfast with
Gavin at 0900, 20 knot
wind rattling / tent sides
& moderate drift so back
to sack for 1100. Up again
& out for 15 minutes, very
chilly, temperature —11°C
wind 20 knots w. moderate
Run into sack for rest of
day except for meals, &
sleep at 2000

25 July, 1961. Wednesday

Safety Island is composed of uniform & mainly massive feldspar-garnet-biotite granulite effectively a normal granite with granitic texture, & garnet as 5%, 10% & locally 20% of the rock. A vague foliation is provided by stringers of garnet which str. 20° M, vertical, ⊥ to the elongation of the island. Veins & lenses of blue-grey & feldspar-garnet-biotite pegmatite, ~~very~~ thinly, strike ast 20° M. The garnet a.w. pegmatite is light red & may be different composition from granite-garnet, former more Mn-rich. The garnet-granite is a light reddish brown rock, red gr., massive, uniform with more or less equigranular feldspar garnet & biotite. SAMPLE = The pegmatite is c.g., bluish, massive 11394 SAMPLE 113723 ast. ω

804 3 V/ 1 1

Thursday 26th July 1861.

Y 10, T.A. I.

Immed. visit at Knife North of safety I. A med. grained massive yellow brown cheiochitic granite with no garnet. Felspar. Rare or rare. Tends to impregnate with Hornblende. matrix of felspar & quartz & dark mineral. The rock is crowded with inclusions of biotite gneiss & quartz biotite granite & locally the gneiss is abundant & coarse. Past a lit-par-lit granite gneiss is found.

layers of unfoliated granite (6')
alternate with similar layers
of foliated biotite-quartz rock.
The gneiss str. 75°, dips 50°N.

Pegmatite is rare on this island.

DIARY

2 SSE July
0900 Up to radio shack, bitter
n/f SE asy land elevator
[illegible] pass, 30 kn wind
& mod sft outside SE bnd
again for 1100 T -20° F
Radio wind falling to
10 kts SE sct 4 stratus
Sky c. in afternoon 1400-1600
T [illegible] bec. mod
& clear at 1800. Rising
wind backing SE 20 kts
[illegible] to broad sft ESE
[illegible] & cold to bed
0400 T +25° F

JR

Rock unit into drift of rolled
by top "Bob - Very well
- Stiff a beautiful day but
Sunday pick about time
Feb. 25th Year, 19[illegible]
WYOMING SKETCHES
R11400
What should what mining
Last Hill and Wall Safety L
has small what to west
to, small hwy to north
unit. The all of
med. gr. to yellow brown
garnet bearing quartz
by [illegible] phenocrysts be
the and mainly but
the rock the in
I [illegible] may be
low [illegible] A [illegible]
on local present in
the biotite-garnet granulite
but [illegible] vein of
is subhorizontal on W' contact
small island.
2

[illegible] son Jason but made
[illegible] from last [illegible]
[illegible] Sunday. Suffer [illegible]
at 1200.

Saturday, 24th July.
DIARY [illegible]
[illegible]
[illegible] at 1100 [illegible]
[illegible] at 1250.
[illegible]
[illegible]
[illegible] clicks (not [illegible]
[illegible] -15°F
[illegible]
[illegible]
[illegible]

also had canned apples
Sat Two Islands nearby
[illegible] W by S
skeins of 3 each
NE [illegible]
[illegible] Wind
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]

Sunday, 30th July, 1961

Rise 0830, Lazy breakfast, out at 1030 to [illegible] Virgin Island [illegible] Virgin Skeins [illegible] Bike camp after some photographing, away at 1300 with Nucks [illegible] sledge Plod [illegible] but spirited, to [illegible] apparently first [illegible] Perfect still, clear morning beautiful, Tast -25°F!! Passed to starboard Twin Island skeins [illegible] in to Safety I.

[illegible] 1500 [illegible]

[illegible] [illegible] D. Kaffee [illegible]

[illegible] set up. Back, Orange

[illegible] 4 cups [illegible]

3 biscuits, Min [illegible] Bed

on Bed [illegible] & Sugar.

[illegible] — 300 ml.

[illegible] 31 [illegible] 1961

[illegible] 5 [illegible]

[illegible] Sunday

[illegible] 1400 - 1500 l.

1700 - 2000 l.

1100 [illegible]

1 Sl. [illegible] + B + Veg.	1 Sl. B + B + Veg.
1 Sl. B. — / —	1 Sl. B — / —
1 Sl. B + B + Jam	1 Sl. B + B + Jam
1 Sl. B	1 Sl. B —
2 x 170 ml. C. +	2 x 170 ml Coffee
3 tsp. milk + 2 tsp. Sug.	+ 2 tsp. Sug.
6 slices Cheese	

2000

2 T + 2 dbl sum 1 as appr:

[illegible] + Wpt Romeo
+ Marshall Pt of rel - Elec.
(Wpt Jo, Omega, Pilot, E Point
- all dead as Elec Hdg Indicator

1 C + 1 dbl Sig 2C + 2 X dbl Sig.
2 S 1 B + 2 S + Sum 1 as opposite.

---

31 July, 1960 - DIARY
Rose 0830 after rather dully
spent AM sorting out
stores, as C/O Lausch headed
in Lyman for small task
postponed sledge until after
Beale test. Lunch 1400 at
S. Pole + depart 1500 in Blonde B's.
A fine clear day, wind 10kt.
S 15°W, T -11°F. Route
initially in 1 block at
1630, + set up camp 1 m before
sunset having covered 18 miles
Wind gusty to 15kt. at night fell
still + clear.

60

2 eggs

170 ml. water

cup of tea

1st Flight

1100

Dinner ½ block venison + 1 block HTC

+ 1 handful tabbouleh + curly

potatoes, onions, cabbage,

divided equally

170C + Mk 5 | 170C + 1 + Mk 5

251 B + B + J | 251 B + B + J

12 sq Mk Cloth | 12 sq Mk Cloth

1st August, 1951 — Dirty.

Rose 0400 for look - Heavy drift + bearing unsd all night before. Due dawn 1100, dense overcast, visit just dashed in. Out at 1300 for ends, much unwork T pad alt +15°F, wind alt 40 kts, thick left, still cold wind. Left in to fast + eat meal. Smith out at 1600 to feed dogs. Ed Hansen conditions continued dirty but visit just seems to beat it.

2nd August, 1951

Breakfast 1100 — 2 cups Cocoa, Milk, Sugar

divided equally

170 C + 1 Milk Sug as of
2 × 170 T + 2 × ½ Milk Sug as of
251 B + B + J. as of

2 × 170 + 2 × 11 + 3 | 5 = 1 | As ob.

2 51. B + B + J | As ob.

Wind direction changed S.E. to S.
caused some emission of steam
building. Went down small
unit at 1500 to feel steam
to test to see if Lid
blew off working but at
low alt. 1700' Wasn't
T. bulb alt +20°F
Fuel Int valve not but
Engine shut off to fuel pump
Valve not but engine

Thursday 3rd Flight
Small compact Rankin Unit
0400 Preflight
2 cubic centimeter Lo
Fully units drained by
Unit 1 hydraulic
170 C+ 1 1/2 lb Sq
170 T + 1 1/2 lb Sq
2 SL R + B + J
130 Chafee
4 SLB + R + J
12 Sq walk Chg
2 x 1 mile + 2 x 1 mile

1900
Tea ½ block per man 1 bk rice
+ 3 lbd + bsp Egg + 1
lbd + bsp each of Rice,
potato, cabbage, onion.
– divided equally

2 S.I. B + B + J 1 as o/p.
2 × T 70 T + 2 × ½ H. Sug 1 as o/p.

3rd August 1467.

Rec 0900 S. ms. arrd
Supplied to 30 KG. Bf. at
+ out to Ind Coy 1½ c

complete upwards [illegible] up
+ sorted out tent, sledge.
Intermittent drift, worse
towards [illegible] 1400 Smith
& self walk over to ~~Mackin~~
Kenton I tyrone geology
in 40 kt wind. Caudron
recalled on sea ice where snow
blown away. Back to camp
on Mackin at 1700 + down
at 1800, wind rising again
to 50 kt gusts.

Friday 4th August

1000 Tried [illegible] on
Breakfast 2 cups [illegible] bully
meats div. up + eaten 1 kg/d.
+ 1/2 Sug.

2 x 170 T + 2 x ½ 1 + bsp. Sug	as o/p
2 Sl B + B + J	as o/p.
2 Lunch	as o/p

1300 Lunch

4 Sl B + B + J	as o/p.
2 x 170 T. + 2 x ½ 1 + bsp. Sug	as o/p
12 Sq choc. [illegible]	as o/p.

4th August, 1961.

Mackinder Island -7048:L

N. th end. app. composed
of med. gr. [illegible]
uniform & dark-brown [illegible]
[illegible]

South

R11402

R11403

the big fielding plays typical of both characters but the event does not, it's how fielding is. Could both of us commit physical fouls on the event. Baseball rules cover the sports but do not in the both end of the ideal

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1600 - Chandler TRUE QUOTA
2 x 170 T = 2 x 1 lb/Sq of
2 SI B + J only / as of
2 balls on /

1600 - Dixon
1 lb in pounds = 1 lb
with + 1 lb Pounds each of
Points from, taking, Dixon, Eq
- as 2 B's units, double of
2 x 170 T + 2 x 1 lb/sq Sug 1 in /
2 SI B + J only / 1 - as
6 balls 1 as of

1000 Biscuit Recipe

1 1/2 tbsp salt in 1/2 lb. water
1 tbsp sugar

TRAIL

2 SLEEPERS + 1 ENGINE

2 × 170 T + 2 × 2 LAKH Kg

2 LAKH KG

SLEEPER

KARNATAK 1600

2 × 170 T + 2 × 2 LAKH Kg

2 SLEEPER + B + S

CHENNAI 1600 2 × 170 T + 2 × 2 LAKH Kg

1 SLEEPER + B + VEP.

---

4 TRAIN TO DATE: 1 + 3 = 4, 4 [illegible]

DURONTO 2000

[illegible]

---

3 SLEEPER + J

2 × 170 T + 2 × 2 LAKH Kg

2 LAKH KG

SK August 1961 - Vi ...
... Ende Sept, wie ...
... Wetter, Ihre ... , aber
... zokt, aber skalp, schon
... ich will da - Salz, Steuer
... Salzen, weil fast ganz auf
... Land, Salz, Feld dort
... Stadt, Stadt ... Buch ist Land
... Wind, Land ... SKS ...
... Ende, aber Licht Steinfall
... Stein, Stein, Stein, Stein.

... 1961
... 2 Uhr ... (...
... 1 Uhr, Salz ...
... 2 ... 3 ...
... 2 x 1 Uhr + 2 x 1 Uhr ...

6th August 1961.

* Rundell's Island, south west
The last spur
of Madden - close
to ... and ...
... Precambrian - probably
granite with layers of basic
... pegmatite veins
... with unfoliated ...
...
... 080° dip 70° SW.

Also small lenses
granite gneiss in granite of
Madden Island. + thin veins
biotite-garnet rock in granite
+ in pegmatite. The light red
brown ... pegmatites
are the most remarkable feature
of Madden.

7th August 1961
... of Rundell
Anderson F

1500 — TRAIL — STILL

2 Sl. B — as of

1 Sl. B. + B. + V — as of

1 Sl. B. + B + J — as of

12 sq. Chocolate — as of

(Hazel Nut)

Tea 1000

½ block pemmican + 1 block HF6

+ 1 hyd. Hosp. each potato

onion carrot, rice, egg

— div. as

TRAIL — STILL

---

170 ml. water

2 × 170 T + 2 × [illegible] Soy — as of

2 Sl. B. + J — as of

2 Lillets — as of

Sunday, 6th August, 61 — Divide

Rac 0700, breakfast

Calm & mild overcast morning, day-out
sledge + test by 1200. Skelon
on Franklin 9:15 start out. 1500
Parties Middleton & Keyes approach, lead
mid. base on blizzard. Nucks Lead,
Pike last aye, tent split, holiday
frozen on tie dik camp set
by SW Anderson 3, arr 1630
Mobility day in hrs/t.

6th Day [illegible]

Breakfast
2 oz [illegible] 1 cup milk
170 ml water 510 ml water
170 C + Milk + beef dry 3×170 + 2 Suy. cup

7th August 1961

Breakfast
0800 2 cup cereal + 1 tbl sp salt
in ½ billy boiled water & 1 tbl. sug.

2 SLB + J	as ob.
3×170 T + 3×½ tbl Suy	2×170 T + 2× Eas ob.
	170 ml water.
2 bottles	2 bottles

- [illegible] ... [illegible] follow
[illegible] ... [illegible]
[illegible] ... [illegible]
[illegible] ... [illegible]
[illegible] ... [illegible]

Pt. D Two lithologies composed of
garnet-bearing psammite characterize
the unit. Dark yellow-brown
weathering psammitic chlorite
quartz garnet schist forms
the dominant lithology. Rock is massive
to thin bedded but fairly friable
due to weathering. Weathering
W. dark to pale brown. Fresh
color is light grey with
distinct porphyritic texture due to
garnet and biotite
The lithology is [illegible] common
to west with beds of the
light grey gneiss. The dykes
are resistant but are
not obvious in outcrop

SAMPLE

60
pmm

114 6.4

11465

These gneisses are banded pegmatites? or intrusive gneiss.

Tues 2 Feb 1904 — Standard Procedure, see above

2 S.I.B. + B + J (Thorp) do do.
2 × 170T + 2 × £1.15s Sup. do do.
1 × 170C + 2 1.15s Sup. / 2 × 1700 + 2 L.
4 Lodges / 4 Lodges.

Wed 3 Feb 1904 — Dirty Wet A.M. Up at 0700 breakfast, packing lunch, pack up Pavilion & off at 0830, Pay loc. Mc Naughton & Kluge, back to Mawson. Smith & self start skin & bottling seals 1 m. east of camp, then geology of islands to Thorpe. Home Thorpe 1700

pick up seal count & move
at 1900 Fed dogs on kills/
seal, appx successful but
(2 no strychnine today.

7th August, 1961.

Bucket F 30 2 x about 11 Kg. salt
+ fully wate div. eq
~~2 St. B + J~~
~~170 C +~~

To-day took 2 hfd. tbsp. sugar
each to porridge, all previous
breakfast had 1 hfd. tbsp. FAECES.

2 St. B. + J	as o/p
1 x 170 C + 11 Kg. Sug	as o/p
	170 wats.

Dogs F & W fed

Mon Wed

11467

11468
11469

11470

11471
11472

9th August, 1961

I showed Dr. W. Anderson [illegible]
[illegible] pegmatite [illegible]
[illegible] pegmatite [illegible]
[illegible] pegmatite

Lunch
1300 2 sl. B. / do. o/s
1 sl. B + B + V.eg / do. o/s
sl. B + B + J / do. o/s
1 sq Choc. Fudge Cake / do. o/s

Dinner
2000 1 block Vienna + 2 tbsp. tom. sauce
with egg, potato, onion
cabbage, rice, ~~stewed~~ steak
& ⅝ bitter water, divided
TEA for 2 / small
Permission asked 2/5 / 3/5
1 × 170 + ½ tbsp. Suy / 2 × 170 + 2 × ½ tbsp. Suy
170 ml. water / 170 ml. water
1 × 170 + 1 tbsp. Suy / 2 × 170 + 2 × 1 tbsp. Suy
6 fl oz / 6 fl oz
170 ml. water

~~Tea for 1 = 1 tea bag 170 ml (6 oz) water~~
~~2 tea bags 340 ml (12 oz) water~~
~~2 level teaspoons sugar, 2 dessertspoons milk~~

2 Sl. B. + B. + J ao ab
2×170 C + 2×1 1. Hyp Surg. ao ap.

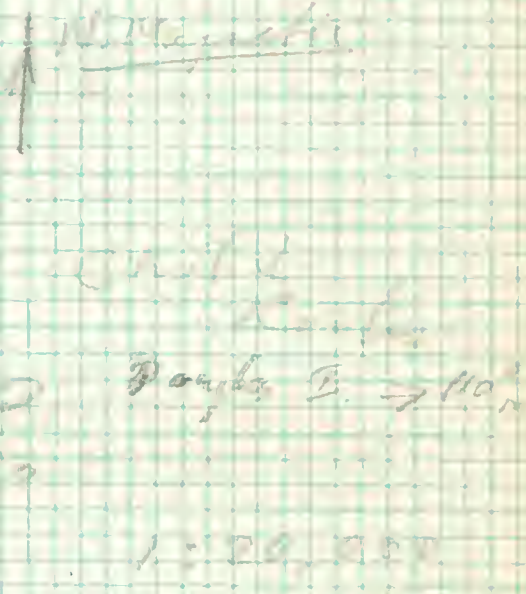
3/5

20th August.

3/5

Visited by

Industrial.



Park Night.
Visited by Cohn

Rookery I., Gibbey I.
Tongue Rock, Low Tongue,
Oldhouse I. (Stanton Gp. not
system. detail.) Finnstocking
Harbor with ca. 5.9 W. of Bird Head

Altivum Is. W. of Gilbert Chain

Ufs I. - old Kiribati

Nothing else. Taylor & Stefansson

Bay

Stn. 1. Kanton PK

Field Island, Near Phoenix

Group Is. St

Kent I.

Western portion of Oyster Isl.

21st August, 1961 (7 m. E of Gilbert Is)

Pt 70 Island, abt 2 m

NE Gilbert Is, 8 m W of

Nonouti

Well-foliated [illegible]

[illegible]

granite-gneiss dyke. Bands
abt 1' → 3' thick
[illegible] within bands
str. 70° dip 80° S.
Also concordant bands + lenses
of rich quartz pegmatite
[illegible] feldspar + m.
granite, 1" (6") + or
quartzite weathers dirty like
granite a.c. of quartz 11474
veins. SAMPLE 77

2nd August / 61.
Cobbs.
Med. gr. granite-
feldspar-biotite + quartz-
[illegible]
[illegible]
granite gives rise to light
[illegible] soil (clay)
[illegible]
[illegible]
[illegible]
[illegible] fairly [illegible] 70° dip
70° S. Sample 78.
V/1 11475

DIARY

21st August

Rose 0100, slows knight, breakfast & pack all morning, leaving Mawson 1300. Vehicle party left 1000. Ran between Stancar I. & Beehouse, close S. toof von Halssen I. to moored 30m. I. N. of Krotky Cft. Noc geology & shot seal. On to Gibbly at 1830, difficult coming, very little snow, poor site on pt. left 50 up side on guons. Bed at 0100.

22nd August Rose 0800, breakfast - break camp, load sledge & geologised Left Gibbly 1230, ran to Low Tongue at 1445 & to Einstadly at 1830. Again difficult to find crevasse snow, crimped

11476 V/2

11477 V/3

V/4 11478

at S.E. corner of Island
near tide rock. Dogs had
discontinued today, pass. Ho!
Sultry snow.

23rd August, 1911

Fine 6.100, gen. bay d.
in Ladies at 11 1/2
[illegible]

Fell

Dogs much better today after
feed of 2 meat blocks (1) last
night + fish soup

24th August, 1961.

Rose 0900 hrs of a veh[icle] part ready to leave. Slight alteration about packing, sleeping bags, packed sandbags to dash in sledge & Tract motorbike left 1000 hrs slow breakfast, afternoon fine w. light R. mixed, Tost -5°. Walked on skis, fed dogs veal meat, then counted papers until 1800. Walk away to 2300 hrs spent fetching radio, & exhausting

25th August, 1961.

Up to 0900 radio sked, slow breakfast, then Smith & self walked round bay over varied ground, very

Gneiss

sh 75° dip w.bnd to 75° S.,

Yesterday after Monsoon
gravel. Met Lord K, Lee
Jayaratne, a naval band,
& some more. Flying at 1730,
bad days, then surfing.

26th August, 1961.

Rose 1000 to 40kt. wind &
moderate drift, wind & drift
increasing through day. Spent day
in hut with occasional excursions
to see tents. Paddle & surf to today
& afternoon to see penguins
in blizzard & take photographs.

11479 V/13

Well-banded T-foliated qtz-felds

27th August 1961

0900 awake to hear radio that ~~card~~ now in area of depression, no drift, wind light & variable, overcast, so remain in camp all morning. Out in afternoon to look for seal & see penguins swimming in ice hole, fascinating, almost all swimming done by flabby flippers, "flying" through water like turtle. Killed 3 penguins, gigantic chest muscles for swimming, large stomachs containing small transparent squids, some shrimps & small fish. Remarkably little blubber but magnificent coat of fat-less absolutely waterproof & excellent insulation. 3 penguins

gave about 15 feeds for
dogs, 4 feeds in one penguins
pectoral muscles. All night
ready in hut. To 2400.

28th August, 1961

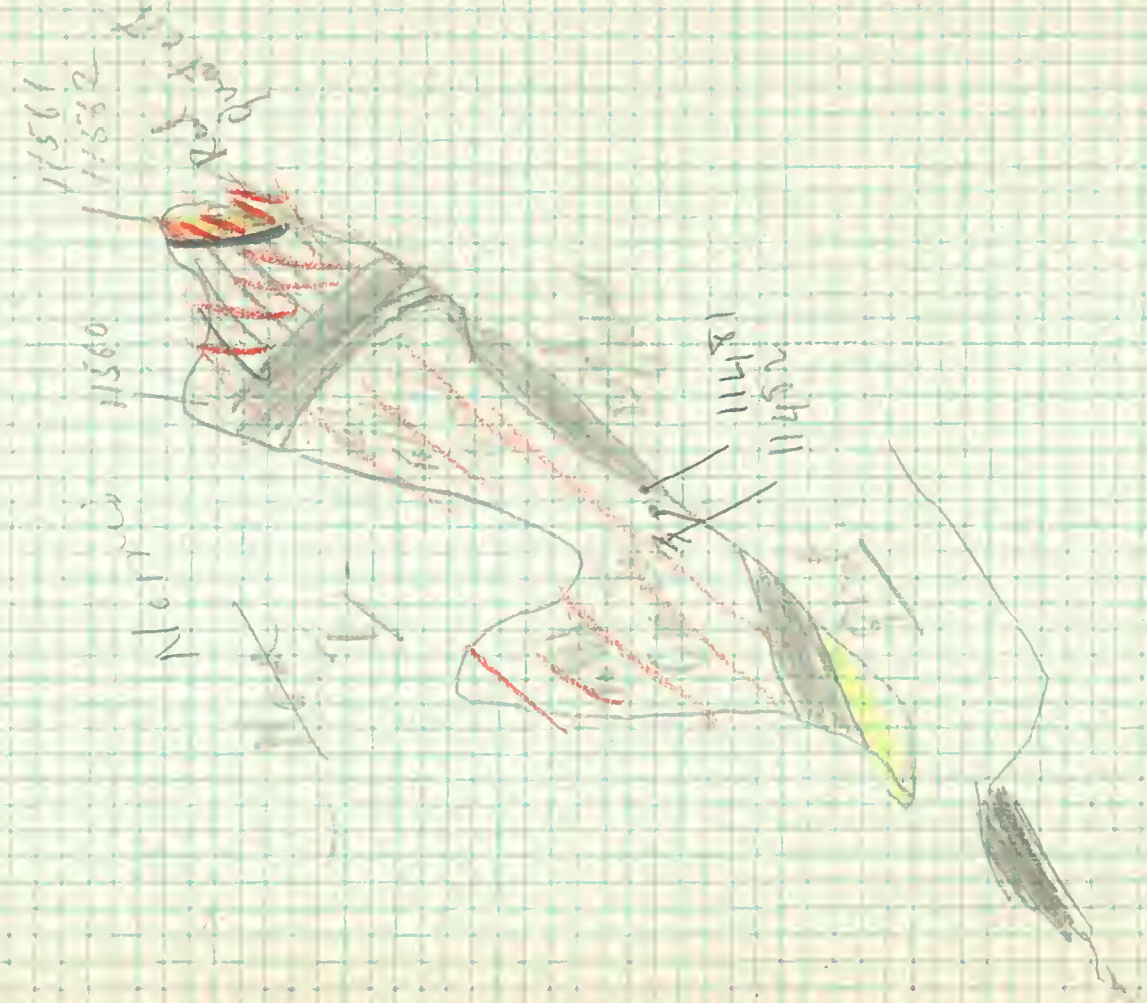
Awoke 0900, mixed water
sled. Calm mornig, overcast,
T.R. high abt +15°E. Count
penguins in rookery in morning,
late lunch, 1500-1600,
then out to kill seal abt
1 m. N. 1700 to 1900 geology
along ridge south of camp,
good story of events. Weather
improving all afternoon, sky
clearing to very pleasant warm
evening for geology.

str. undulating, all dist. / 30°,
dip vertical.

P+ 23

[illegible] road [illegible] of
[illegible] to [illegible]
[illegible] 15' above SK Mon. [illegible]
[illegible] 10' E. of S.E. Cor. of [illegible]
[illegible] & [illegible] pebbly [illegible]
[illegible] gen. dist. s.; well sorted
[illegible] [illegible] occ. rounded, many sub-
[illegible] rounded, sub ang., [illegible]
[illegible] of the [illegible] a
white quartz feldspar fragments
str. 10° W. of [illegible].
Arkosic quartzite, [illegible],
SD 100', vertical. The
formation is v. sp. bedded (10 cm)
to thick (2 cm) beds of iron-
stained [illegible] with
occasional [illegible] high pebble &
boulder conglomerate
[illegible] [illegible] [illegible].
Small [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]

SANTA FE 93 11480



V, 9

it is 11481 SAMPLE 84

SAMPLE 85 11482

V, 10

about 75° – 105°

Iron bark 4%
Gidee " 7%
Ironbox 15%
Ironbox 13%
Lime 6% - 3000
Small 4% - 600
bark 8%

28th August 1961.

[illegible]

TC contact between the mylonite
boulder / and the Zeln. Structure
of the augen in mylonite
boulder. Foln. str. 80°/vert
Mylonite formation does not
Mylonite str. 150°/vert.
Mylonite str. fairly constant, as above
but str. gives foln. varied. 40° → 120°.
on side. East Story of N. Lillooet.
1 Black med. gr. equigranular
qtz-biotite granulite gneiss
as bands + inclusions from 1' x 2'
to 10' ± apparently undeformed
& non-foliated, mylonite. Sample 86
2 This is enclosed by f.g. 11483
to m.g. quartz-feldspar-garnet-V 14
biotite gneiss = feldspathic quartzite.
3 This is well banded, well-foliated
mylonite w. bands qtz-feldsp
alternating with bands qtz-feldsp
-biotite-garnet rock up to 6" thick
garnet sometimes known to 1/2".
The banding undulates & is only
locally well defined.
Mylonite strike, locally variable.

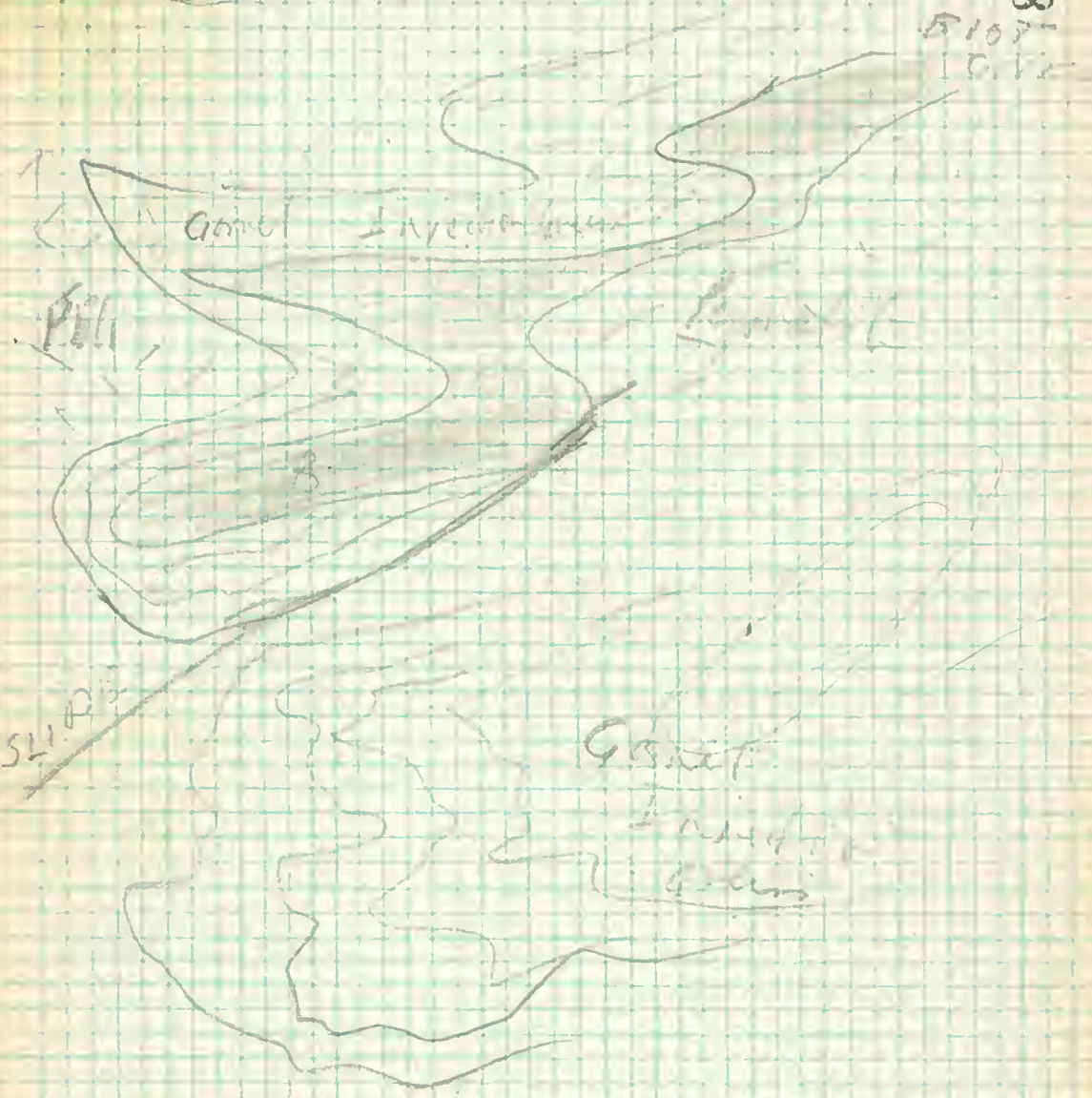
Pragmatic folding of both dark & light bands is common & some bands in both often fold back out in/for bands. This work has also been published & could be described as an injection event, it has flowed into the fault fm. Sample 87

3 The injection zone is not by merely mimic after to vein fr. pegmatite w. feldspar phen & locally big biotite & garnet in groups of pre-folding dark gneiss. This vein injection event clearly & also means with it is migmatite formation

4 All rocks cut by thick band of sheared dark rock is a mixture of light & dark material, totally different style of deformation from 2.

HERR SHEARING AFTER RECRYSTN.

29th August, 61



View [illegible] of [illegible]
[illegible] to 40° / and 30°
[illegible] [illegible] [illegible]
[illegible] [illegible]

"Injection gneiss, pegmatite
bands, syn-tectonic, but
porphyroclastic texture, not foliated.

Pegmatitic foliation of aplite veins in the granite-biotite gneiss complex caused by injection. Can be used close N. of Tonto Recumbent style. Foliation blocks folding is comparable scale in the S.E. injection gneiss which predominate on the island.
Axis plunge ~~[illegible]~~ abt 80°
ind. abt 30°. The Bodie of the quartz diorite granite can only be worked on the folding, the rocks are so undeformed here-like masses. Pegmatite is somewhere abundant in migmatite relation to the injection gneiss. The pegmatite is generally massive the texture is granitic & the minerals, B & G, patches.

69

DIARY, 29th August, 1961.

Rise 0400 after radio sched to blustery wind, warm T. at 14°F. Read all morning, out in afternoon & collect sediment for days. Then geology on island due N. of Taylor from 1600 to 1800. Weather improving steadily after many showers at mid day. Sky clearing, wind easy, T. to 16°F.

mylonite is confined to the N. part of the island.

On close inspection some of the ~~rock~~ injection gneiss has been re-crystallised by the pegmatite injection & the abundant banding in the gneiss is commonly a relic feature cut across by quite coarse pegmatite-type crystals of qtz. + feldspar.

Garnets are essential in the injection gneiss, up to 30% locally with biotite also essential in mafic bands.

Quartz-biotite granulite
Injection gneiss
Migmatite

All from small island ~~one~~ N. of Taylor.

~~88~~
~~Sample 89~~
89
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